Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047823.D
Acq On : 04 Oct 2024 01:13
Operator : RC/JU
Sample : P4084-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 04 01:56:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 02:30:36 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DCYN0

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2024
Supervised By :mohammad ahmed 10/06/2024

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10/06/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	283282	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.592	136	1126651	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.433	164	681905	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.174	188	1387937	20.000	ng/ul	-0.01
79) Chrysene-d12	21.397	240	1302073	20.000	ng/ul	-0.01
88) Perylene-d12	24.397	264	1491190	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.251	96	19457	2.220	ng/uL	0.00
4) Pyridine-d5	3.675	84	78768	3.069	ng/ul	0.00
7) Phenol-d5	6.969	99	354531	13.235	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	214349	11.277	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.334	132	283735	14.559	ng/ul	-0.01
15) 4-Methylphenol-d8	8.504	113	293692	14.746	ng/ul	-0.01
21) Nitrobenzene-d5	8.951	128	134601	15.005	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.675	143	143614	16.706	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.216	165	282358	16.442	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.727	131	316187	11.910	ng/ul	-0.01
46) Dimethylphthalate-d6	13.845	166	874244	17.683	ng/ul	-0.01
49) Acenaphthylene-d8	14.127	160	1011154	17.250	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.627	143	112259m	11.405	ng/ul	0.00
60) Fluorene-d10	15.427	176	781591	18.252	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.539	200	105844	13.032	ng/ul	-0.01
73) Anthracene-d10	17.274	188	1194936	17.509	ng/ul	-0.01
81) Pyrene-d10	19.562	212	1437553	19.453	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.191	264	1440393	18.617	ng/ul	-0.02
Target Compounds						Qvalue
80) Fluoranthene	19.233	202	306417	3.521	ng/ul	97
82) Pyrene	19.586	202	268013	2.767	ng/ul	97
85) Benzo(a)anthracene	21.380	228	172269	1.890	ng/ul	94
87) Chrysene	21.439	228	396222	4.458	ng/ul	97
90) Benzo(b)fluoranthene	23.450	252	706637	7.599	ng/ul	99
91) Benzo(k)fluoranthene	23.509	252	208505m	2.193	ng/ul	
93) Benzo(a)pyrene	24.256	252	250313	2.834	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.773	276	213317	1.885	ng/ul	98
96) Benzo(g,h,i)perylene	28.832	276	173340	1.955	ng/ul	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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